

ID235

Materials I

3 Credits

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ID235 Version: 6



Materials I

Calendar Description

This course is an exploration and study of properties and applications of materials commonly used in interior design. There is emphasis on understanding the nature of materials such as form, workability, strength and sustainability.

Rationale

This is a required course for Interior Design Technology students. This course is designed to acquaint students with the wide range of interior materials on the market and equip them with information for specifying these materials.

Prerequisites

None

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. identify and select common materials used for various interior design projects.
2. specify appropriate and creative usage of various materials.
3. estimate quantities required, cost of materials, and cost of installation.
4. prepare quantity and cost estimates suitable for presentation to clients
5. research various materials, their construction, and application.
6. construct labeled and titled material detail drawings with appropriate scales to illustrate the necessary detail.
7. compile all drawings into one detail reference manual.

Resource Materials

Required Text(s):

Godsey, Lisa. (2017). *Interior design materials and specifications* (3rd ed.).

New York, NY: Fairchild Books.

Reference Text(s):

Riggs, J. Rosemary. (2003). *Materials and components of interior architecture* (6th ed.). Upper

Saddle River, NJ: Pearson Education Inc.

Rupp, W. & Friedmann, A. (1989). *Construction materials for interior design*. New York,

NY: Whitney Library of Design.

Architectural Woodwork Institute. (2003). *Architectural woodwork quality standards*

illustrated (8th ed.). Reston, VA: Architectural Woodwork Institute.

Conduct of Course

1. Most of the course material is covered by work during class. The 48 hours are divided into approximately 45 hours of lecture and 3 exam hours.
2. The instructor provides instructional objectives and activity criteria at the beginning of each class.
3. Each topic is introduced with a lecture, followed by a problem-solving assignment.
4. Active participation in class is expected.
5. Assignments are due when stated. Late assignments will receive a deduction of one grade step per day including weekends. For example, if the assignment warrants a "B", and it is submitted one day late, the recorded grade will be a "B-", two days late, C+ and so on.
6. Students are expected to:
 - let the instructor know if you will be absent.
 - punctuality is required - no student will be admitted after the commencement of class.

Evaluation Procedures

<u>Course Component</u>	<u>Weighting</u>
Assignments	30%
Quizzes	40%
Project I	25%
Student Performance Evaluation	<u>5%</u>
Total	100%

The student's performance expectations include:

- general improvement of competencies: utilizing previously learned skills.
- class attendance: consistent attendance, consistent punctuality.
- time-management: utilizing class time effectively; completion of assignments on time.
- decision-making: continuous development of confidence in application of skills.
- class participation: asking questions, offering input to discussions, assisting others.

Grade Equivalents and Course Pass Requirements

A minimum grade of C (60%) (2.00) is required to pass this course.

Letter	F	C	C+	B-	B	B+	A-	A	A+
Percent Range	0-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.00	2.30	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor.

If the total number of unexcused absences exceeds three classes, a student may be required to withdraw from the class and will automatically receive a grade of "RW" (Required to Withdraw) no credit earned. An "RW" is calculated as a failing grade of 0.0 in GPA.

In cases of repeated absences due to illness, the student is requested to submit a medical certificate.

Instructors have the authority to require attendance at classes.

Course Units/Topics

1. Wood
 - source
 - manufacturing
 - types
 - applications
 - costing

2. Stone
 - source
 - manufacturing
 - types
 - applications
 - costing
3. Glass
 - source
 - manufacturing
 - types
 - applications
 - costing
4. Tile
 - source
 - manufacturing
 - types
 - applications
 - costing



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